

Message Text

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UNCLAS BOMBAY 1638

C O R R E C T E D C O P Y (PARA. 2.)

USAEC FOR A.S. FRIEDMAN, FROM PINAJIAN

SUBJ: TARAPUR HYDRAULIC SYSTEM TURBINE CONTROL

1. DURING COFFEE BREAK AT COLLOQUIM ON RADIATION STERILIZATION OF MEDICAL PRODUCTS, DAE CHAIRMAN SETHNA ASKED FOR ANY AID I COULD RENDER IN PROBLEM ASSOCIATED WITH HYDRAULIC SYSTEM TURBINE CONTROL AT TARAPUR. ON TWO OCCASIONS INNER WELD JOINTS OF COAXIAL SYSTEM CARRYING HIGH PRESSURE HOT OIL GAVE WAY. ON THIRD OCCASION FAILURE OCCURRED IN SECTION WITHIN FOUR FEET THICK CONCRETE WALL PRESENTING NASTY JOB OF BREAKING WALL IN ORDER TO REMOVE AFFLICTED SECTION. METALLURGICAL ANALYSIS OF FAILED JOINT SHOWED METAL FATIGUE, ACCORDING TO SETHNA. ALTHOUGH IGE HAS COMMUNICATED THAT EXPERT IS FLYING DOWN FROM JAPAN MIDWEEK, CHAIRMAN NEVERTHELESS DEEPLY CONCERNED. HAS REQUESTED ME PERSONALLY TO HELP BOTH THROUGH AEC AND GE. IS AEC AWARE OF SIMILAR FAILURE IN OTHER GE SYSTEMS OF THIS NATURE? CAN AEC SUGGEST PERSON OR PERSONS IN AEC OR GE TO HELP DAE?

2. PINAJIAN ALSO ANXIOUS AND CONCERNED: UNIT TWO NOW OUT OF OPERATION BECAUSE OF TURBINE.

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